



water

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Water and Food Fluids Flow

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Message from the Guest Editor

The transformation of raw materials into manufactured products (through diverse unit operations) is a main objective in the food industry. During food production and processing, it is common to have to work with multiphase flows in which diverse substances may be present. To achieve an optimal operation in a food plant is fundamental, for instance, to characterize the properties of these flows in order to be able to control the operation of processing systems, to determine the energy requirements or the running costs. In this line, it is remarkable that water is a very common fluid in this type of industry: it is present in many raw materials and food products and by-products, and it is used for heating and cooling or for preparing emulsions, suspensions and pastes.

Taking into account the former, in this Special Issue, original research and review contributions related with advanced applications, new designs or experimentation aimed at management, innovation or understanding of the flows or operations in which water and other food fluids are present in the food industry are highly welcome.



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Special Issue



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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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